

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Harold O. Treece

Serial No.: 09/970,432

Filed: October 3, 2001

For: Universal Cementing Plug

§
§
§
§
§
§
§
§
§

Group Art Unit: 3671

Examiner: Christopher J. Novosad

Confirmation No.: 4315

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL REISSUE APPLICATION DECLARATION BY THE INVENTOR

I hereby declare that my residence, mailing address and citizenship are stated below next to my name.

I believe I am the original and first inventor of the subject matter which is described and claimed in this patent application Serial No. 09/970,432, as well as U.S. application Serial No. 10/307,113, filed April 10, 2003, now abandoned, copending U.S. continuing application Serial No. 10/930,058, filed August 30, 2004, and copending divisional application Serial No. 11/267,892, filed November 4, 2005.

I have reviewed and understand the contents of the above-identified applications, including all amendments thereto.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid due to the fact that I claimed less than I had the right to claim in the patent.

At least one error upon which reissue is based is described below.

Patent claims 1-51 are directed to a cementing plug (patent claims 1-10), a cementing plug apparatus (patent claims 11-30), and a plug (patent claims 31-51); and it was an error not to submit claims to a method for wiping the inner surface of a casing (application claims 90-97), and a method for cementing a casing (application claims 98-103).

Also, patent claims 1-10 are directed to a cementing plug that includes a body member defining a central opening therethrough; an elastomeric jacket disposed around said body member and having a wiper cup extending therefrom for engaging an inner surface of the casing; an insert disposed across said central opening in said body member for closure thereof, said insert being one of a plurality of interchangeable inserts; wherein said insert is a shearable member adapted for shearing and opening said central opening when a predetermined differential pressure is applied across said shearable member or a substantially non-shearable disk adapted for substantially permanent closure of said central opening; and it was an error not to submit claims to a cementing plug that includes a plug having a longitudinal axis; a first wiper extending radially outwardly from the plug at an acute angle with respect to the longitudinal axis of the plug; a second wiper extending radially outwardly from the plug at an acute angle with respect to the longitudinal axis of the plug and disposed in an axially spaced relation to the first wiper; wherein the second wiper overlaps the first wiper in an axial direction so that the outer surfaces of the wipers portions together extend continuously along the axial length of the body member before the plug is inserted in the casing; wherein the wipers deflect into substantially cylindrical, wiping engagement with an inner surface of the casing when the plug is inserted in the casing (application claims 104-108).

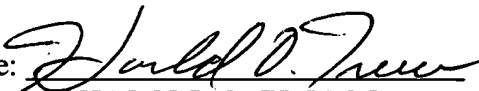
Every error in the patent which was corrected in the present reissue application, and is not covered by a prior oath/declaration submitted in this application, arose without any deceptive intention on my part.

Please direct all communication about the application to the address associated with:

Customer Number 000027683

Warren B. Kice
Haynes and Boone, LLP
901 Main Street, Suite 3100
Dallas, Texas 75202
Tele: 214-651-5334.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Signature: 
HAROLD O. TREECE
213 Ridgcrest Drive
Duncan, OK 73533

Date: 12-11-06